



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Takashi KATO                      Group Art Unit : Not Yet Assigned  
Appl. No. : 10/578,006                      Examiner : Not Yet Assigned  
                    (National Stage of PCT/JP2005/002509)  
Filed : August 3, 2006                      Confirmation No. : Not Yet Assigned  
For : QUADRATURE MODULATION APPARATUS, METHOD,  
                    PROGRAM, AND RECORDING MEDIUM

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AMENDMENT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, Applicant hereby brings to the attention of the Examiner the following information.

The following documents were cited in an International Search Report with respect to International Patent Application No. PCT/JP2005/002509, of which the present application is the U.S. National Stage Application. Copies of the International Search Report (in Japanese and English) have been filed concurrently with the present application and should thus have already been brought to the attention of the Examiner.

- (1) Japanese Laid-Open Patent Publication No. 2001-333120, along with patent family member U.S. Patent No. 6,294,952 to KATO, which issued on September 25, 2001. Applicant notes that the Japanese document is cited on page 2 of the specification of the above-captioned application.

- (2) Japanese Laid-Open Patent Publication No. HEI 9-247225, along with patent family member U.S. Patent No. 5,847,619 to KIRISAWA, which issued on December 8, 1998.
- (3) Japanese Laid-Open Patent Publication No. HEI 5-68060, along with patent family member U.S. Patent No. 5,293,406 to SUZUKI, which issued on March 8, 1994.
- (4) Japanese Laid-Open Patent Publication No. HEI 10-70581, together with an English language computer translation of the same.
- (5) Japanese Laid-Open Patent Publication No. 2002-319989, together with an English language computer translation of the same.

The relevance of the documents cited in the International Search Report, as ascertained with respect to the international claims by the International (i.e., Japanese) Examiner, are set forth in the International Search Report.

Applicant further submits the following documents.

- (6) U.S. Patent Application Publication No. 2006/0133537 to KATO, which was published on June 22, 2006.
- (7) U.S. Patent Application No. 10/571,527 to KATO, which was filed on March 10, 2006.

Further to 37 C.F.R. §1.98 (a)(2)(ii) and the U.S. Patent and Trademark Office's decision to waive the requirement under 37 C.F.R. §1.98 (a)(2)(iii) if the U.S. patent application was filed after June 30, 2003, copies of the U.S. patents, patent application publication and patent application are not enclosed herewith. However, if any copy is needed, the Examiner is respectfully requested to contact the undersigned.

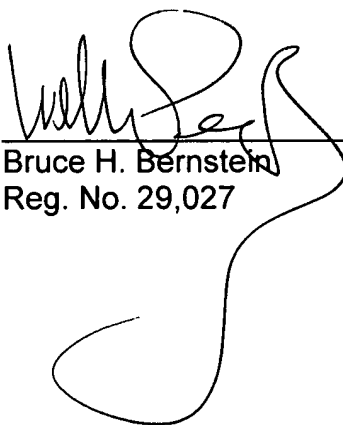
Also, when the above-noted pending application is published, the Examiner is respectfully requested to list its publication number on a PTO 1449 Form (or PTO 892 Form) to confirm consideration thereof.

Applicant respectfully requests that the Examiner consider the above material and cite the same. Copies of the above-noted foreign documents, including the noted English language computer translations, are attached hereto, and all of the documents are listed on an attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicant with the next official communication in the present application.

Applicant notes that an Office Action on the merits has not issued in the present application, and thus, no fee is believed necessary to ensure consideration of the submitted material.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Takashi KATO

  
Bruce H. Bernstein  
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August 10, 2006  
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Atty. Docket No.  
P29806

Application No.  
10/578.006

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)

Applicant  
Takashi KATO

Filing Date August 3, 2006

Group	Unknown
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## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	2001	- 3 3 3 1 2 0	11/30/01	JAPAN				
	9	- 2 4 7 2 2 5	09/19/97	JAPAN				
	5	- 6 8 0 6 0	03/19/93	JAPAN				
	10	- 7 0 5 8 1		JAPAN			X	
	2002	- 3 1 9 9 8 9	10/31/02	JAPAN			X	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	1	U.S. Patent Application Publication No. 2006/0133537 to KATO, which was published on June 22, 2006.
	2	U.S. Patent Application No. 10/571,527 to KATO, which was filed on March 10, 2006.

**EXAMINER**

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.